SuccessMaker Enterprise version 1.2 System Requirements

Windows and Macintosh

For the most up-to-date versions of all system requirements, please refer to the Pearson Digital Learning Web site at: http://www.pearsondigital.com/support/requirements/successmaker.cfm.

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Introduction

SuccessMaker® Enterprise is an innovative deployment of SuccessMaker courseware and the Results Manager management system that focuses on reading and mathematics curriculum for the Pre-K to 8th grade education sector. This technology-driven solution meets the needs of districts and schools, regardless of size and infrastructure. Results Manager, the management system component of SuccessMaker Enterprise, offers a choice of three user interfaces to accommodate individual working styles. It also integrates industry-standard reporting software to provide reports that are easy to read and well-organized.

The SuccessMaker curriculum, aligned with national, state, and local standards and objectives, has a proven track record for delivering the results educators need. According to the National Education Technology Plan from the U.S. Department of Education, the most recent research and evaluation studies demonstrate that school improvement programs that employ technology for teaching and learning yield positive results for both students and teachers. Within the school market today, a wide variety of technology implementations exist, from the single computer in the back of the classroom to a laptop in the hands of every student in the district. SuccessMaker Enterprise is packaged to address those different technology implementations with five scalable delivery configurations.

SuccessMaker Enterprise offers these configurations to suit the needs of students and teachers. The configurations are flexible and scalable, allowing customers to augment initial investments with additional options as their schools evolve and grow.

This document provides detailed information about system requirements and network capacities. The system recommendations contained in this document are subject to change at any time due to hardware and software changes beyond the control of Pearson Digital Learning. Changes may include, but are not limited to, operating systems and hardware technologies dictated by the market. These system recommendations assume that SuccessMaker Enterprise is the primary application being utilized on the hardware. If additional software is executed concurrently on the specified hardware, quoted system capacities cannot be supported.

The following are descriptions of the hardware used to support a SuccessMaker Enterprise or SuccessMaker Enterprise District installation.

Windows Workstation

A Windows® workstation is a personal computer running Microsoft Windows, functioning either as a stand-alone unit or a station linked to a local area network (LAN). This computer is used by students and teachers to access Pearson Digital Learning educational software. Management system functions can also be performed on this station.

To view the system requirements for a Windows workstation, see "Windows Workstations" on page 3.

Macintosh Workstation

A Macintosh® workstation is a Macintosh-based personal computer, linked to a local area network (LAN). This computer is used by students and teachers to access Pearson Digital Learning educational software. Most management system functions can also be performed on this station.

To view the system requirements for a Macintosh workstation, see "Macintosh Workstations" on page 4.

Home Access Workstation

A Home Access workstation is a Windows-based or a Macintosh-based personal computer, functioning from home, for use with SuccessMaker Enterprise District's Home Access module. This workstation must have an Internet connection and must use a standard, non-customized Microsoft Internet Explorer Web browser.

To view the system requirements for a Windows-based Home Access workstation, see "Windows Workstations" on page 3.

To view the system requirements for a Macintosh-based Home Access workstation, see "Macintosh Workstations" on page 4.

TaskManager Workstation

A TaskManager workstation is a Windows-based personal computer, used to manage the database replication activities and to manage backing up servers in the replicating environment of SuccessMaker Enterprise District.

To view the system requirements for a TaskManager workstation, see "SuccessMaker Enterprise TaskManager Workstation" on page 6.

Enterprise Local Server

The Enterprise local server is a high-speed computer in a local area network (LAN) dedicated to storing the programs and data files needed at the site level to use the SuccessMaker Enterprise product.

To view the system requirements for the Enterprise local server, see "SuccessMaker Enterprise Local Server" on page 5.

Enterprise Central Server

The central server is the District-level server for the SuccessMaker Enterprise District product. A LAN client is required to be connected to the central server for running an aggregate report.

To view the system requirements for the Enterprise central server, see "SuccessMaker Enterprise Central Server" on page 6.

Enterprise Web Server

The web server is the server for the SuccessMaker Enterprise District product's Home Access module.

To view the system requirements for the Enterprise web server, see "SuccessMaker Enterprise Web Server" on page 7.

Windows Workstations

Stand-Alone, Local Area Networks, or Home Access

Component and Operating System	Minimum Requirements	Recommendations
Windows 98SE/Me	• Processor: Pentium® II @ 233 MHz • Memory: 64 MB	• Processor: Pentium III @ 500 MHZ (or faster) • Memory: 128 MB
Windows 2000 and Windows XP • Windows 2000 requires Service Pack 4 or higher	• Processor: Pentium II @ 233 MHz • Memory: 128 MB	• Processor: Pentium IV @ 1.6 GHz (or faster) • Memory: 512 MB
Monitor Resolution	800 x 600 with thousands of colors	800 x 600 with thousands of colors
Hard Disk Drive Space	200 MB of free disk space	200 MB (minimum) of free disk space
CD-ROM/DVD Drive	Stations on server-based networks: One 2x DVD drive or one 4x CD-ROM drive for each station using the full-motion video option	Stations on server-based networks: One 2x DVD drive or one 8x CD-ROM drive for each station using the full-motion video option
Audio	Any Creative Labs or 100% compatible sound card, including Sound Blaster® 16 (or 32), PCI 64, or 16-bit VIBRA® series products	Any Creative Labs or 100% compatible sound card, including Sound Blaster 16 (or 32), PCI 64, or 16-bit VIBRA series products
Network Protocols	TCP/IP required	TCP/IP required
Additional Required Software	QuickTime® 5 required at all workstations Acrobat® Reader® 5.0 or later required at all workstations	QuickTime 5 or later required at all stations Acrobat Reader 5.0 or later required at all workstations
Internet Browser	Microsoft® Internet Explorer 5.5 with Service Pack 2 or later	Microsoft® Internet Explorer 5.5 with Service Pack 2 or later
Printer	Any inkjet or laser printer supported by the operating system	Any inkjet or laser printer supported by the operating system

Important! For the District Home Access module, the workstation must have a 56K or faster connection to the Internet.

Macintosh Workstations

Local Area Networks or Home Access

Component and Operating System	Minimum Requirements	Recommendations
Mac OS® 9.2.2	• Processor: G3 @ 400 MHz • Memory: 64 MB Note: Virtual memory enabled and set to 128 MB	• Processor: G4 @ 800 MHz (or faster) • Memory: 256 MB Note: Virtual memory enabled
Monitor Resolution	800 x 600 with thousands of colors	800 x 600 with thousands of colors
Hard Disk Drive Space	200 MB of free disk space	200 MB (minimum) of free disk space
CD-ROM/DVD Drive	Stations on server-based networks: One 2x DVD drive or one 4x CD-ROM drive for each station using the full-motion video option	Stations on server-based networks: One 2x DVD drive or one 8x CD-ROM drive for each station using the full-motion video option
Additional Required Software	QuickTime 5 required at all stations Acrobat Reader 5.0 or later required at all workstations	QuickTime 5 or later required at all stations Acrobat Reader 5.0 or later required at all workstations
Audio	Built in	Built in
Network Protocols	TCP/IP required	TCP/IP required
Internet Browser	Microsoft Internet Explorer 5.1.6 with Macintosh Runtime for Java™ 2.2.5 installed for Mac OS 9.2.2	Microsoft Internet Explorer 5.1.6 with Macintosh Runtime for Java 2.2.5 installed for Mac OS 9.2.2
Printer	Any inkjet or laser printer supported by the operating system	Any inkjet or laser printer supported by the operating system

Important! For the District Home Access module, the workstation must have a 56K or faster connection to the Internet.

Note: Stand-alone configuration is not supported for Macintosh workstations.

SuccessMaker Enterprise Local Server

Note: A local server can also be used as a courseware server. Courseware servers only run the SuccessMaker courses and do not have management system functionality.

Component and Network Operating System	Minimum Requirements	Recommendations
Novell® NetWare® 5.x*, or 6* (for all Windows workstation clients except ME) • Novell NetWare 5.1: Service Pack 7 and Novell TCP Update for NetWare 5.1 • Novell NetWare 6: Service Pack 3 (minimum) and Novell TCP Update for NetWare 6	• Processor: Pentium III @ 700 MHz, single processor • Memory: 512 MB	• Processor: Pentium IV @ 2 GHz (or faster) • Memory: 512 MB
Windows 2000 Server** (for Windows or Macintosh clients) • Windows 2000 Server: Service Pack 4 required	• Processor: Pentium III @ 700 MHz, single processor • Memory: 512 MB	• Processor: Pentium IV @ 2 GHz (or faster) • Memory: 512 MB
Network Protocols Required	TCP/IP	TCP/IP
Hard Disk Drive Space **IMPORTANT:** Volume compression should not be used.	20 GB of free space available	20 GB of free space available
Hard Drive Subsystem	SCSI or IDE drive **IMPORTANT:** Servers with IDE drives can support only a maximum of 50 workstations.	SCSI drive
CD-ROM	A CD-ROM drive is required	A CD-ROM drive is required

* Novell-Certified server required.

** Microsoft-Certified server required.

Important! Windows 2000 Server is required for Macintosh clients. In addition, one Windows workstation is required for loading the SuccessMaker Enterprise software.

SuccessMaker Enterprise Central Server

The central server is the District-level server for the SuccessMaker Enterprise District product. The following minimum requirements are specified for Districts with up to 100 sites. Districts with up to 250 sites can be supported with enhanced hardware.

Please contact Pearson Digital Learning at 1-888-977-7900 for further information about Enterprise Central Server.

Component and Network Operating System	Minimum Requirements
Windows 2000 Server with Service Pack 4**	• Dual Intel Xeon Processors @ 2.0 GHz • Memory: 2 GB RAM
Network Card	100 MB Ethernet with full duplex capability
Hard Disk Drive Space	80 GB
Network Protocols	TCP/IP required
Hard Drive Specification Configuration	SCSI drive array with two physical disks and controller, in a RAID 1configuration

** Microsoft-Certified server required.

SuccessMaker Enterprise TaskManager Workstation

The TaskManager Workstation is used in conjunction with the SuccessMaker Enterprise District product's central server. The following minimum requirements are specified to support a District with up to 100 sites with a single TaskManager. Additional TaskManager workstations are required to support districts that exceed 100 sites.

Please contact Pearson Digital Learning at 1-888-977-7900 for further information about Enterprise TaskManager.

Component and Network Operating System	Minimum Requirements
Windows 2000 Professional with Service Pack 4	• Pentium III @ 1.3 GHz • Memory: 512 MB RAM
Network Card	100 MB Ethernet with full duplex capability
Hard Disk Drive Space	20 GB
Network Protocols	TCP/IP required

Note: District sites that use NetWare servers for remote school servers must have the Novell client software loaded on the TaskManager workstation.

SuccessMaker Enterprise Web Server

The web server is the server for the SuccessMaker Enterprise District product's Home Access module.

Please contact Pearson Digital Learning at 1-888-977-7900 for further information about Enterprise Web Server.

Component and Network Operating System	Minimum Requirements
Windows 2000 Server with Service Pack 4	• Dual Intel Xeon Processors @ 2.0 GHz • Memory: 1 GB RAM
Hard Disk Drive Space	40 GB
Network Protocols	TCP/IP required
Web Server Software	IIS5
Hard Drive Specification/Configuration	SCSI drive and controller

Important! The web server must have a Fully Qualified Domain Name (FQDN) and must use port 80.

Important! The web server and the central server communicate with each other through TCP/UDP port 2638.

Network Capacities

District LAN/WAN Connection Speeds

For SuccessMaker Enterprise District, you will need the following LAN/WAN connection speeds.

Between Central Server and TaskManager	TaskManager should be on the same network pipe as central server, with a full duplex connection to the central server. Connection should be 100 MB Ethernet.
Between Web Server and Central Server	100 MB Ethernet
Between each school Local Server and the TaskManager	T1 connection
For Home Access workstation	Minimum 56K connection

Local server network capacities are defined on the next page.

Local Server Network Capacities

Windows 2000 Server Network with Macintosh or Windows Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium III @ 700 MHz	2	2	240
100BaseTX	Pentium III @ 700 MHz	None	2	120

Novell NetWare 5.x and 6 Network with All Windows Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium III @ 700 MHz	2	2	240
100BaseTX	Pentium III @ 700 MHz	None	2	240
100BaseTX	Pentium III @ 700 MHz	None	1	120

For further information on scalability and performance, please contact Pearson Digital Learning at 1-888-977-7900.